

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/579,543
Source: IFWP
Date Processed by STIC: 5/25/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/25/2006

PATENT APPLICATION: US/10/579,543

TIME: 09:44:30

Input Set : N:\KEISHA\10579543.txt

Output Set: N:\CRF4\05252006\J579543.raw

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3 <110> APPLICANT: Holm, Per Sonne
5 <120> TITLE OF INVENTION: Novel Adenoviruses, Nucleic Acids that Code for the Same and
the Use of
6 Said Viruses
8 <130> FILE REFERENCE: H 10020 PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/579,543
C--> 11 <141> CURRENT FILING DATE: 2006-05-15
13 <160> NUMBER OF SEQ ID NOS: 31
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 20
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial
22 <220> FEATURE:
23 <221> NAME/KEY: misc_feature
24 <223> OTHER INFORMATION: probe
27 <400> SEQUENCE: 1
28 tgaggctgat tggctgggca 20
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32 <211> LENGTH: 20
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <223> OTHER INFORMATION: probe
41 <400> SEQUENCE: 2
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45 <210> SEQ ID NO: 3
46 <211> LENGTH: 20
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <221> NAME/KEY: misc_feature
52 <223> OTHER INFORMATION: probe
55 <400> SEQUENCE: 3
56 gatactcgtc gtcttcgctt 20
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 20
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial
64 <220> FEATURE:
65 <221> NAME/KEY: misc_feature
66 <223> OTHER INFORMATION: probe
69 <400> SEQUENCE: 4

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70 gtcggagatc agatccgcgt                                20
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 20
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <223> OTHER INFORMATION: probe
83 <400> SEQUENCE: 5
84 gatcctcgtc gtcttcgctt                                20
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 18
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: probe
97 <400> SEQUENCE: 6
98 agctgatctt cgcttttg                                18
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 22
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <223> OTHER INFORMATION: probe
111 <400> SEQUENCE: 7
112 ggatagcaag actctgacaa ag                                22
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 1260
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <223> OTHER INFORMATION: fragment of adenoviral E2 region
125 <400> SEQUENCE: 8
126 aggaacttta tcttagagcg ctcaggaatc ttgcccgccca cctgctgtgc acttcctagc    60
128 gacttttgtgc ccattaagta ccgcgaatgc cctccgccgc tttggggcca ctgctacctt    120
130 ctgcagctag ccaactacct tgccctaccac tctgacataa tggaagacgt gagcgggtgac    180
132 ggtctactgg agtgtcactg tcgctgcaac ctatgcaccc cgcaccgctc cctgggtttgc    240
134 aattcgcagc tgcttaacga aagtcaaatt atcggtagct ttgagctgca ggggtccctcg    300
136 cctgacgaaa agtccgcggc tccgggggttg aaactcactc cggggctgtg gacgtcggct    360
138 taccttcgca aatttgtacc tgaggactac cagccccacg agattaggtt ctacgaagac    420
140 caatcccgcc cgccaaatgc ggagcttacc gcctgcgtca ttacccaggg ccacattctt    480
142 ggccaattgc aagccatcaa caaagcccgc caagagtttc tgctacgaaa gggacggggg    540
144 gtttacttgg acccccagtc cggcgaggag ctcaacccaa tccccccgcc gccgcagccc    600
146 tatcagcagc agccgcgggc ccttgcttcc caggatggca cccaaaaaga agctgcagct    660
148 gccgccgcca cccacggacg aggaggaata ctgggacagt caggcagagg aggttttgga    720
150 cgaggaggag gaggacatga tggaagactg ggagagccta gacgaggaag cttccgaggt    780

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152 cgaagagggtg tcagacgaaa caccgtcacc ctcggtcgca ttccctcgc cggcgcccca      840
154 gaaatcggca accggttcca gcatggctac aacctcgcct cctcaggcgc cgccggcact      900
156 gcccgttcgc cgacccaacc gtagatggga caccactgga accagggccg gtaagtccaa      960
158 gcagccgcgc cggtagccc aagagcaaca acagcgccaa ggctaccgct catggcgcg      1020
160 gcacaagaac gccatagttg cttgcttgca agactgtggg ggcaacatct ccttcgccc      1080
162 ccgctttctt ctctaccatc acggcggtggc cttcccccg aacatcctgc attactacc      1140
164 tcatctctac agcccatact gcaccggcgc cagcggcagc ggcagcaaca gcagcggcc      1200
166 cacagaagca aaggcgaccg gatagcaaga ctctgacaaa gccaagaaa tccacagcg      1260
169 <210> SEQ ID NO: 9
170 <211> LENGTH: 17
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <223> OTHER INFORMATION: probe
179 <220> FEATURE:
180 <221> NAME/KEY: misc_feature
181 <223> OTHER INFORMATION: primer
184 <400> SEQUENCE: 9
185 atggagcgaa gaaaccc                                     17
188 <210> SEQ ID NO: 10
189 <211> LENGTH: 21
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <223> OTHER INFORMATION: primer
198 <400> SEQUENCE: 10
199 cacgtcctgg aaaaaataca c                                     21
202 <210> SEQ ID NO: 11
203 <211> LENGTH: 27
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <223> OTHER INFORMATION: primer
212 <400> SEQUENCE: 11
213 cttcaggatc catgactacg tccggcg                                     27
216 <210> SEQ ID NO: 12
217 <211> LENGTH: 37
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial
221 <220> FEATURE:
222 <221> NAME/KEY: misc_feature
223 <223> OTHER INFORMATION: primer
226 <400> SEQUENCE: 12
227 gaagtgaatt cctacatggg ggtagagtca taatcgt                                     37
230 <210> SEQ ID NO: 13
231 <211> LENGTH: 24

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TIME: 09:44:30

Input Set : N:\KEISHA\10579543.txt

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232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <223> OTHER INFORMATION: primer
240 <400> SEQUENCE: 13
241 tccggttatt ttccaccata ttgc 24
244 <210> SEQ ID NO: 14
245 <211> LENGTH: 22
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <223> OTHER INFORMATION: primer
254 <400> SEQUENCE: 14
255 ttatcatcgt gtttttcaaa gg 22
258 <210> SEQ ID NO: 15
259 <211> LENGTH: 24
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <223> OTHER INFORMATION: primer
268 <400> SEQUENCE: 15
269 gaggttaacc taagcactgc caag 24
272 <210> SEQ ID NO: 16
273 <211> LENGTH: 43
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial
277 <220> FEATURE:
278 <221> NAME/KEY: misc_feature
279 <223> OTHER INFORMATION: primer
282 <400> SEQUENCE: 16
283 catagagtat gcagatatcg ttagtggttac aggttttagtt ttg 43
286 <210> SEQ ID NO: 17
287 <211> LENGTH: 42
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial
291 <220> FEATURE:
292 <221> NAME/KEY: misc_feature
293 <223> OTHER INFORMATION: primer
296 <400> SEQUENCE: 17
297 gtaacactaa cgatatctgc atactctatg tcattttcat gg 42
300 <210> SEQ ID NO: 18
301 <211> LENGTH: 26
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial
305 <220> FEATURE:
306 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING

DATE: 05/25/2006

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TIME: 09:44:31

Input Set : N:\KEISHA\10579543.txt

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307 <223> OTHER INFORMATION: primer
310 <400> SEQUENCE: 18
311 cagcgacatg aacttaagtg agctgc 26
314 <210> SEQ ID NO: 19
315 <211> LENGTH: 66
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial
319 <220> FEATURE:
320 <221> NAME/KEY: misc_feature
321 <223> OTHER INFORMATION: oligonucleotide introducing RGD
324 <400> SEQUENCE: 19
325 cacactaaac ggtacacagg aaacaggaga cacaacttgt gactgccgcg gagactgttt 60
327 ctgccc 66
330 <210> SEQ ID NO: 20
331 <211> LENGTH: 66
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial
335 <220> FEATURE:
336 <221> NAME/KEY: misc_feature
337 <223> OTHER INFORMATION: oligonucleotide introducing RGD
340 <400> SEQUENCE: 20
341 gggcagaaac agtctccgcg gcagtcacaa gttgtgtctc ctgtttcctg tgtaccgttt 60
343 agtgtg 66
346 <210> SEQ ID NO: 21
347 <211> LENGTH: 78
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial
351 <220> FEATURE:
352 <221> NAME/KEY: misc_feature
353 <223> OTHER INFORMATION: primer
356 <400> SEQUENCE: 21
357 tccagctccg catttggcgg gcgggattgg tcttcgtaga acctaattctc gtgggcgtgg 60
359 tagtcctcag gtacaaat 78
362 <210> SEQ ID NO: 22
363 <211> LENGTH: 79
364 <212> TYPE: DNA
365 <213> ORGANISM: Artificial
367 <220> FEATURE:
368 <221> NAME/KEY: misc_feature
369 <223> OTHER INFORMATION: primer
372 <400> SEQUENCE: 22
373 agcttatttg tacctgagga ctaccacgcc caccagatta gggtctacga agaccaatcc 60
375 cgcccgccea atgcggagc 79
378 <210> SEQ ID NO: 23
379 <211> LENGTH: 18
380 <212> TYPE: DNA
381 <213> ORGANISM: Artificial
383 <220> FEATURE:
384 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 05/25/2006

PATENT APPLICATION: US/10/579,543

TIME: 09:44:32

Input Set : N:\KEISHA\10579543.txt

Output Set: N:\CRF4\05252006\J579543.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/579,543

DATE: 05/25/2006

TIME: 09:44:32

Input Set : N:\KEISHA\10579543.txt

Output Set: N:\CRF4\05252006\J579543.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date